AUTODOC CLUB

How to change manual gearbox oil on **AUDI A6 Avant (4G5, 4GD, C7)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

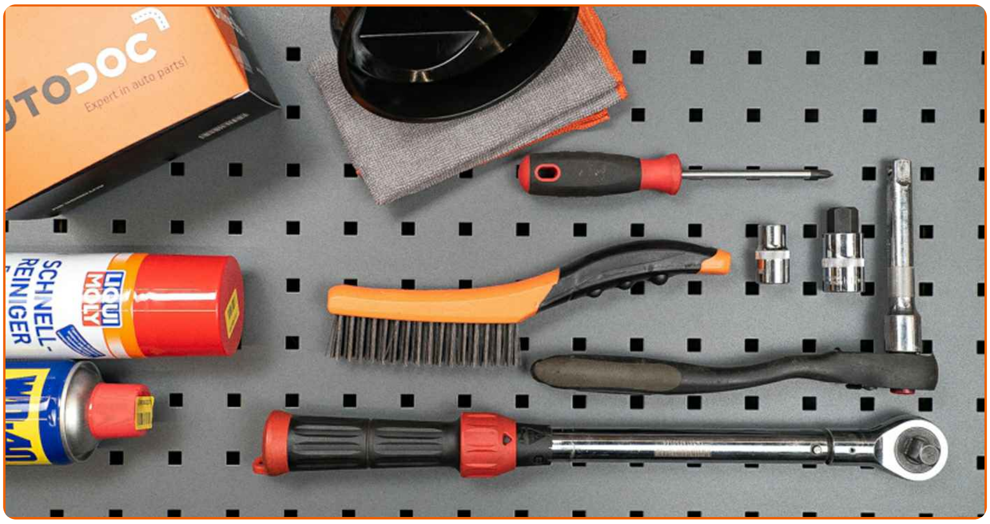
Important!

This replacement procedure can be used for:
AUDI A6 Avant (4G5, 4GD, C7) 2.0 TDI

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: SKODA Fabia I Combi (6Y5) 1.2

REPLACEMENT: MANUAL GEARBOX OIL – AUDI A6 AVANT (4G5, 4GD, C7). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- HEX bit No.H17.
- Drive socket # 12
- Phillips screwdriver
- Torque wrench
- Funnel
- Oil drain pan
- Fender cover

Buy tools

Replacement: manual gearbox oil – AUDI A6 Avant (4G5, 4GD, C7). AUTODOC recommends:

- All work should be done with the engine stopped.

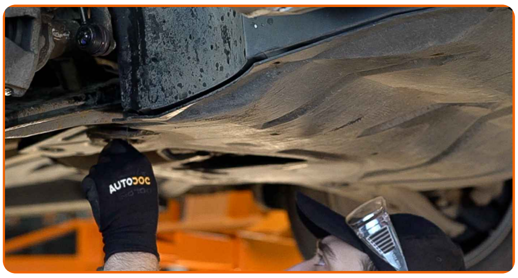
REPLACEMENT: MANUAL GEARBOX OIL – AUDI A6 AVANT (4G5, 4GD, C7). RECOMMENDED SEQUENCE OF STEPS:

1. Open the hood.
2. Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
3. Lift the car using a jack or place it over an inspection pit.

Replacement: manual gearbox oil – AUDI A6 Avant (4G5, 4GD, C7). Tip:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

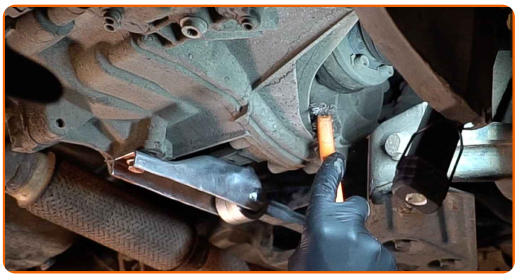
4. Unscrew the fasteners of the lower sound insulation. Use a drive socket #12. Use a Phillips screwdriver.



5 Remove the lower sound insulation.



6 Clean the area of the oil pan drainage hole. Use a wire brush. Use all-purpose cleaning spray.



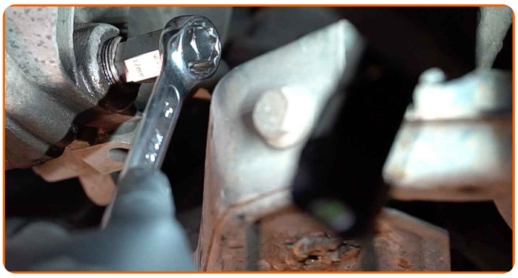
AUTODOC recommends:

- Replacement: manual gearbox oil – AUDI A6 Avant (4G5, 4GD, C7). After applying the spray, wait a few minutes.

7 Put a waste oil container with at least 2 l capacity under the drainage hole.

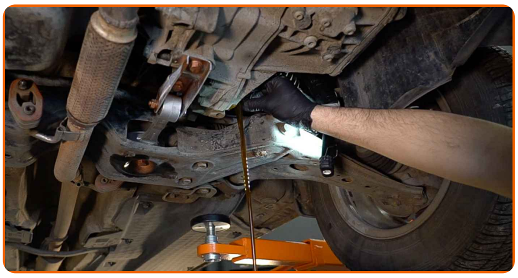


8 Unscrew the drain plug. Use HEX No.H17.



9

Drain the used oil.

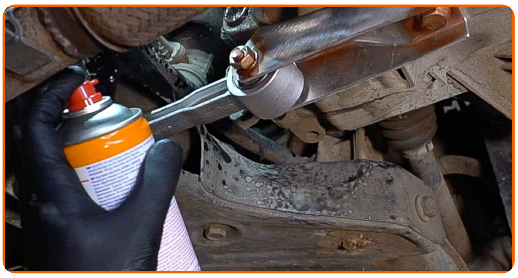


Replacement: manual gearbox oil – AUDI A6 Avant (4G5, 4GD, C7). AUTODOC experts recommend:

- Caution! The oil may be hot.

10

Clean the area around the gearbox housing filler hole. Use a wire brush. Use all-purpose cleaning spray.

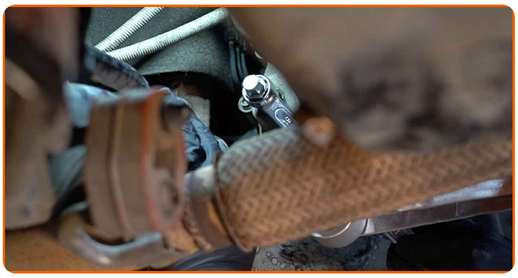


Replacement: manual gearbox oil – AUDI A6 Avant (4G5, 4GD, C7). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

11

Unscrew the filler plug of the gearbox housing. Use HEX No.H17.



12 Screw in the new drainage plug and tighten it. Use HEX No.H17. Use a torque wrench. Tighten it to 32 Nm torque.



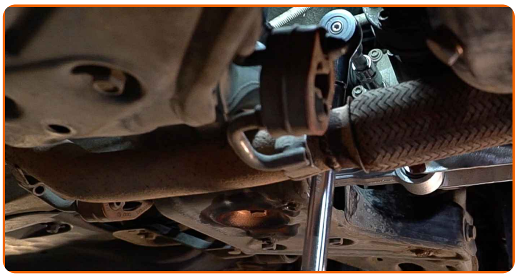
13 Insert the funnel. Pour the oil into the gearbox through the filler hole. Required amount of oil: 1.5 L.



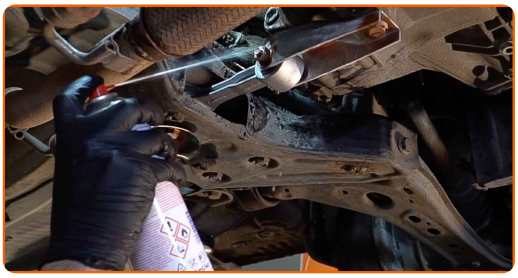
Replacement: manual gearbox oil – AUDI A6 Avant (4G5, 4GD, C7). Tip from AUTODOC experts:

- Use the oil recommended by the manufacturer.

14 Screw in the filler plug of the gearbox housing. Use HEX No.H17. Use a torque wrench. Tighten it to 32 Nm torque.



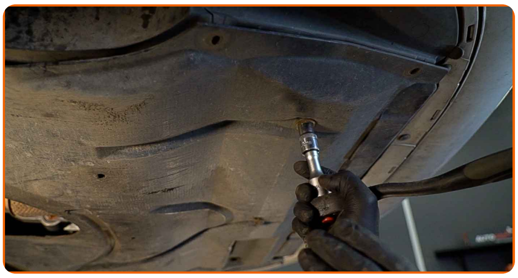
15 Clean the area around the gearbox housing filler hole. Use all-purpose cleaning spray.



16 Install the lower sound insulation.



17 Screw in the fasteners of the lower sound insulation. Use a drive socket #12. Use a Phillips screwdriver.



18 Lower the car.

19 Remove the fender protection cover.

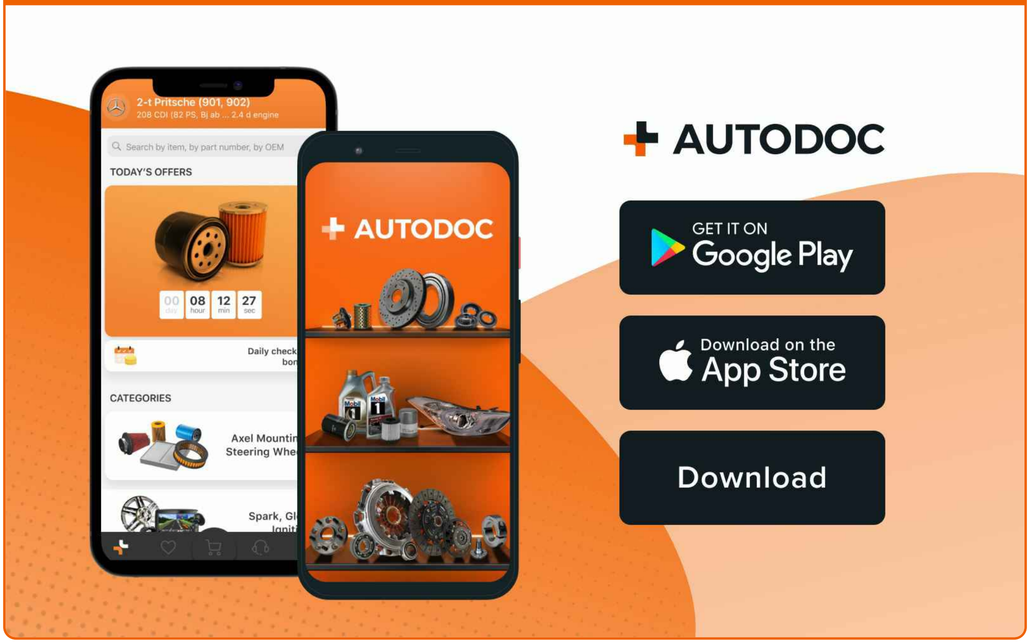
20 Close the hood.

WELL DONE!

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MANUAL GEARBOX OIL: A WIDE SELECTION

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